A Brief Introduction to Casting Shadows in OpenGL

1. Get a view from the light source – everything you cannot see must be in a shadow.

2. Generate a depth view from the light source.

3. Put the eye back where it really belongs. Generate the view. Every time you create a pixel in the scene, compare its 3D location against the depth map. If the camera could not see it, don’t allow lighting to be applied to it.